

Jason M Rihel

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

5,046
citations

257450

24
h-index

377865

34
g-index

51
all docs

51
docs citations

51
times ranked

6351
citing authors

#	ARTICLE	IF	CITATIONS
1	Zebrafish MiR-430 Promotes Deadenylation and Clearance of Maternal mRNAs. <i>Science</i> , 2006, 312, 75-79.	12.6	1,405
2	Zebrafish Behavioral Profiling Links Drugs to Biological Targets and Rest/Wake Regulation. <i>Science</i> , 2010, 327, 348-351.	12.6	681
3	Hypocretin/Orexin Overexpression Induces An Insomnia-Like Phenotype in Zebrafish. <i>Journal of Neuroscience</i> , 2006, 26, 13400-13410.	3.6	430
4	Single-Cell Transcriptional Analysis of Neuronal Progenitors. <i>Neuron</i> , 2003, 38, 161-175.	8.1	241
5	Mutations in SLC39A14 disrupt manganese homeostasis and cause childhood-onset parkinsonism—dystonia. <i>Nature Communications</i> , 2016, 7, 11601.	12.8	233
6	From Whole-Brain Data to Functional Circuit Models: The Zebrafish Optomotor Response. <i>Cell</i> , 2016, 167, 947-960.e20.	28.9	211
7	Estrogens Suppress a Behavioral Phenotype in Zebrafish Mutants of the Autism Risk Gene, CNTNAP2. <i>Neuron</i> , 2016, 89, 725-733.	8.1	170
8	Zebrafish TRPA1 Channels Are Required for Chemosensation But Not for Thermosensation or Mechanosensory Hair Cell Function. <i>Journal of Neuroscience</i> , 2008, 28, 10102-10110.	3.6	153
9	A Behavioral Assay to Measure Responsiveness of Zebrafish to Changes in Light Intensities. <i>Journal of Visualized Experiments</i> , 2008, , .	0.3	147
10	A simple and effective FO knockout method for rapid screening of behaviour and other complex phenotypes. <i>ELife</i> , 2021, 10, .	6.0	131
11	OFF ganglion cells cannot drive the optokinetic reflex in zebrafish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19126-19131.	7.1	127
12	An extended family of novel vertebrate photopigments is widely expressed and displays a diversity of function. <i>Genome Research</i> , 2015, 25, 1666-1679.	5.5	121
13	Behavioral screening for neuroactive drugs in zebrafish. <i>Developmental Neurobiology</i> , 2012, 72, 373-385.	3.0	103
14	Zebrafish larvae lose vision at night. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6034-6039.	7.1	94
15	Intracellular uptake of macromolecules by brain lymphatic endothelial cells during zebrafish embryonic development. <i>ELife</i> , 2017, 6, .	6.0	93
16	The <i>Drosophila</i> double-time S Mutation Delays the Nuclear Accumulation of period Protein and Affects the Feedback Regulation of period mRNA. <i>Journal of Neuroscience</i> , 2001, 21, 7117-7126.	3.6	84
17	A Zebrafish Genetic Screen Identifies Neuromedin U as a Regulator of Sleep/Wake States. <i>Neuron</i> , 2016, 89, 842-856.	8.1	81
18	Monitoring Sleep and Arousal in Zebrafish. <i>Methods in Cell Biology</i> , 2010, 100, 281-294.	1.1	75

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19	Neuropeptide Y Regulates Sleep by Modulating Noradrenergic Signaling. <i>Current Biology</i> , 2017, 27, 3796-3811.e5.	3.9	61
20	The zebrafish as a promising tool for modeling human brain disorders: A review based upon an IBNS Symposium. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 85, 176-190.	6.1	57
21	The Neuropeptide Galanin Is Required for Homeostatic Rebound Sleep following Increased Neuronal Activity. <i>Neuron</i> , 2019, 104, 370-384.e5.	8.1	50
22	Light-Dependent Regulation of Sleep and Wake States by Prokineticin 2 in Zebrafish. <i>Neuron</i> , 2017, 95, 153-168.e6.	8.1	43
23	Sites of action of sleep and wake drugs: insights from model organisms. <i>Current Opinion in Neurobiology</i> , 2013, 23, 831-840.	4.2	35
24	Single-cell transcriptional profiles and spatial patterning of the mammalian olfactory epithelium. <i>International Journal of Developmental Biology</i> , 2005, 49, 201-207.	0.6	35
25	Zebrafish sleep: from geneZZZ to neuronZZZ. <i>Current Opinion in Neurobiology</i> , 2017, 44, 65-71.	4.2	31
26	Pitpnc1a Regulates Zebrafish Sleep and Wake Behavior through Modulation of Insulin-like Growth Factor Signaling. <i>Cell Reports</i> , 2018, 24, 1389-1396.	6.4	24
27	Structural and functional conservation of non-lumenized lymphatic endothelial cells in the mammalian leptomeninges. <i>Acta Neuropathologica</i> , 2020, 139, 383-401.	7.7	24
28	Sleep is bi-directionally modified by amyloid beta oligomers. <i>ELife</i> , 2020, 9, .	6.0	24
29	Copper on the brain. <i>Nature Chemical Biology</i> , 2018, 14, 638-639.	8.0	20
30	Diverse species-specific phenotypic consequences of loss of function sorting nexin 14 mutations. <i>Scientific Reports</i> , 2020, 10, 13763.	3.3	15
31	Hierarchical Compression Reveals Sub-Second to Day-Long Structure in Larval Zebrafish Behavior. <i>ENeuro</i> , 2020, 7, ENEURO.0408-19.2020.	1.9	12
32	Zebrafish. , 2016, , 4071-4155.		6
33	Loss of <i>slc39a14</i> causes simultaneous manganese hypersensitivity and deficiency in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	2.4	4
34	Sleep circuits and physiology in non-mammalian systems. <i>Current Opinion in Physiology</i> , 2020, 15, 245-255.	1.8	3
35	Modeling autism spectrum disorders in zebrafish. , 2020, , 451-480.		2
36	Zebrafish. , 2015, , 1-102.		2

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37	Flies Sleep on It, or Fuhgeddaboutit!. Cell, 2015, 161, 1498-1500.	28.9	1
38	A Drosophila Circuit Feels the (Sleep) Pressure. Neuron, 2014, 81, 720-722.	8.1	0